

# PATENT ABSTRACTS OF JAPAN

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## (54) COMMUNICATION TERMINAL DEVICE AND BASE STATION APPARATUS

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a communication terminal device capable of receiving a DSCH signal by the best quality or a base station apparatus capable of transmitting the DSCH signal to be received by the communication terminal device by the best quality.

**SOLUTION:** The communication terminal device is provided with a measuring means for measuring the receiving quality of a control channel signal transmitted by the base station apparatus and a receiving means for receiving a data channel signal, which is transmitted by the base station apparatus, with a modulation system and an encoding system decided by the base station apparatus. The modulation system and the encoding system are decided by the base station apparatus based on the receiving quality of a control channel signal measured by the measuring means and the transmission power values of the control channel signal and the data channel signal in the base station apparatus.

